

**Ba/Edn-601**

**2 0 2 2**

( 6th Semester )

**EDUCATION**

Paper : Edn-601

**( Educational Technology )**

*Full Marks : 70*

*Pass Marks : 45%*

*Time : 3 hours*

( PART : B—DESCRIPTIVE )

( Marks : 45 )

*The figures in the margin indicate full marks  
for the questions*

1. (a) Differentiate between the terms  
'technology of education' and  
'technology in education.'  $4\frac{1}{2}+4\frac{1}{2}=9$

*Or*

- (b) Explain hardware and software  
approaches to educational technology.  
Discuss its uses in the classroom  
environment.  $3+3+3=9$

**22L/337a**

( Turn Over )

( 2 )

2. (a) Discuss the nature and process of communication.  $4\frac{1}{2}+4\frac{1}{2}=9$

Or

- (b) What is mass media approach to education? Bring out the merits and demerits of mass media approach to education.  $3+3+3=9$

3. (a) Define the term 'system'. Discuss its characteristics and importance of system in education.  $3+3+3=9$

Or

- (b) Explain the use of instructional system designing in education. 9

4. (a) Explain programmed learning. Discuss its nature and fundamental characteristics of programmed learning  $3+3+3=9$

Or

- (b) "Microteaching is a scaled-down teaching." Explain How does microteaching help teachers and learners to improve their teaching.  $4+5=9$

( 3 )

5. (a) Define simulated teaching. Explain the procedure of simulated teaching. 3+6=9

Or

- (b) Define ICT. Explain the advantages and disadvantages of ICT in distance education. 3+3+3=9

\*\*\*

**2 0 2 2**

( 6th Semester )

**EDUCATION**

Paper : Edn-601

( **Educational Technology** )

( PART : A—OBJECTIVE )

( Marks : 25 )

*The figures in the margin indicate full marks for the questions*

**SECTION—I**

( Marks : 10 )

**A.** Put a Tick (✓) mark against the correct answer in the brackets provided : 1×10=10

1. The objective of educational technology is

- (a) to teach moral values to students (    )
- (b) to identify the potential of learners (    )
- (c) to develop teaching and learning method (    )
- (d) All of the above (    )

( 2 )

2. Technology which has its origin in behavioural sciences and their applied aspects concerning psychology of learning is

(a) hardware technology ( )

(b) software technology ( )

(c) Both (a) and (b) ( )

(d) None of the above ( )

3. According to Shiv K. Mitra, educational technology is a/an

(a) Art ( )

(b) Art and Science ( )

(c) Science ( )

(d) Philosophy ( )

4. Which of the following is the external sound presents in the channels of communication?

(a) Noise ( )

(b) Language ( )

(c) Culture ( )

(d) Over communication ( )

5. System approach helps in

(a) designing ( )

(b) implementing ( )

(c) evaluating learning systems ( )

(d) All of the above ( )

6. When is microteaching more effective?
- (a) Always ( )
  - (b) After the teaching practice ( )
  - (c) During the teaching practice ( )
  - (d) During the preparation for teaching practice ( )
7. Programmed learning provides
- (a) general learning ( )
  - (b) self-paced learning ( )
  - (c) Both (a) and (b) ( )
  - (d) None of the above ( )
8. Why is Computer-assisted learning beneficial for teacher?
- (a) It helps the teacher to evaluate their own performance ( )
  - (b) It helps the teacher to save time ( )
  - (c) It helps the teacher to convey more information ( )
  - (d) Both (b) and (c) ( )

( 5 )

9. Programmed instruction is associated with

(a) operant conditioning ( )

(b) classical conditioning ( )

(c) trial and error theory ( )

(d) None of the above ( )

10. ICT stands for

(a) information and computer technology ( )

(b) innovation and computer technology ( )

(c) instruction and communication  
technology ( )

(d) information and communication  
technology ( )



SECTION—II

( Marks : 5 )

**B.** State whether the following statements are *True* or *False* by putting a Tick (✓) mark :

1. The term 'technology' has been derived from Greek word 'techno'.

( *True* / *False* )

2. Linear programming represents a multiple line arrangement composed of a single-track programme.

( *True* / *False* )

3. Microteaching is a training technique.

( *True* / *False* )

4. System is a self-governing, self-maintaining and self-regulated structure.

( *True* / *False* )

5. Educational technology helps to identify the available teaching-learning material and resources.

( *True* / *False* )

( 7 )

SECTION—III  
( Marks : 10 )

C. Write short notes/Answer the following : 2×5=10

1. Objectives of educational technology

---

( 8 )

2. Components of communication process

( 9 )

3. Define system approach.

Ba/Edn-601/**337**

( 10 )

4. What is macroteaching?

Ba/Edn-601/337

( 11 )

5. Computer-Assisted Instruction (CAI)

★ ★ ★

Ba /Edn-601/337

22L—5400